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Docket No.  
003/175/SAP

Re Application Of: BAVARI, SINA, et al.

Serial No.	Filing Date	Confirmation No.	Examiner	Art Unit
09/465,276	12/16/1999	8690	ZEMAN, ROBERT A.	1645

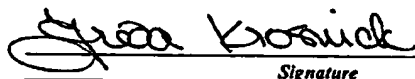
Invention: ANTIBODIES AGAINST TYPE A BOTULINUM NEUROTOXIN

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Transmitted herewith are:

15 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).



Signature

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Dated: 10/2/03

I certify that this document and attached formal drawings are being deposited on 2 October 2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



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Serial No. 09/465,276 filed 12/16/1999  
 "Antibodies Against Type A Botulinum Neurotoxin"  
 Inventors: Sina Bavari, et al.  
 Docket No. 003/175/SAP  
 Ms. Elizabeth Arwine, 301-619-7808

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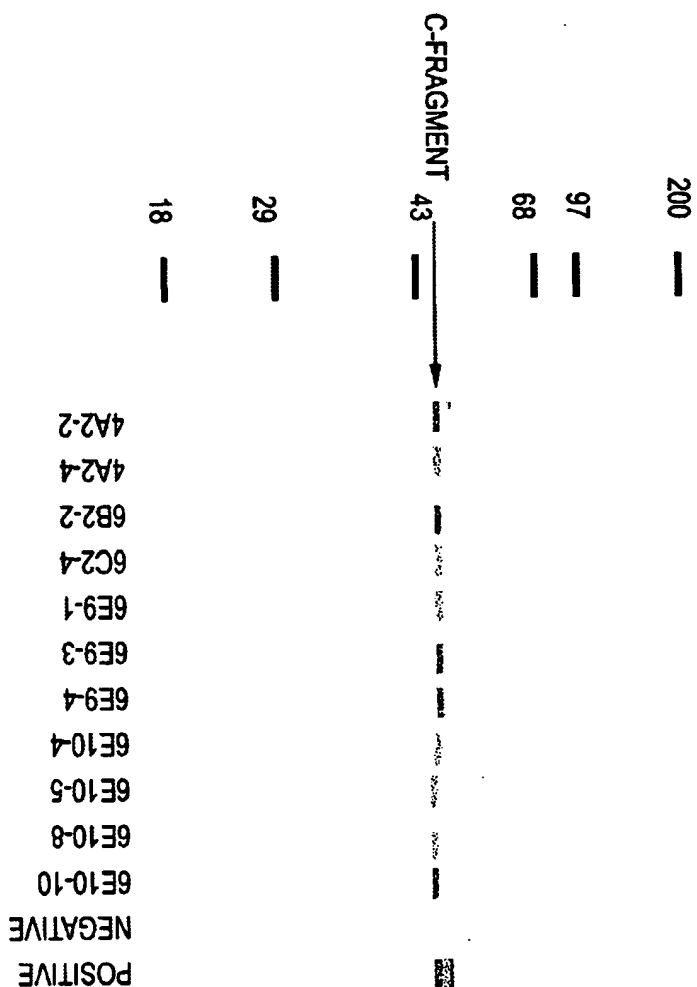


FIG. 1

Serial No. 09/465,276 filed 12/16/1999  
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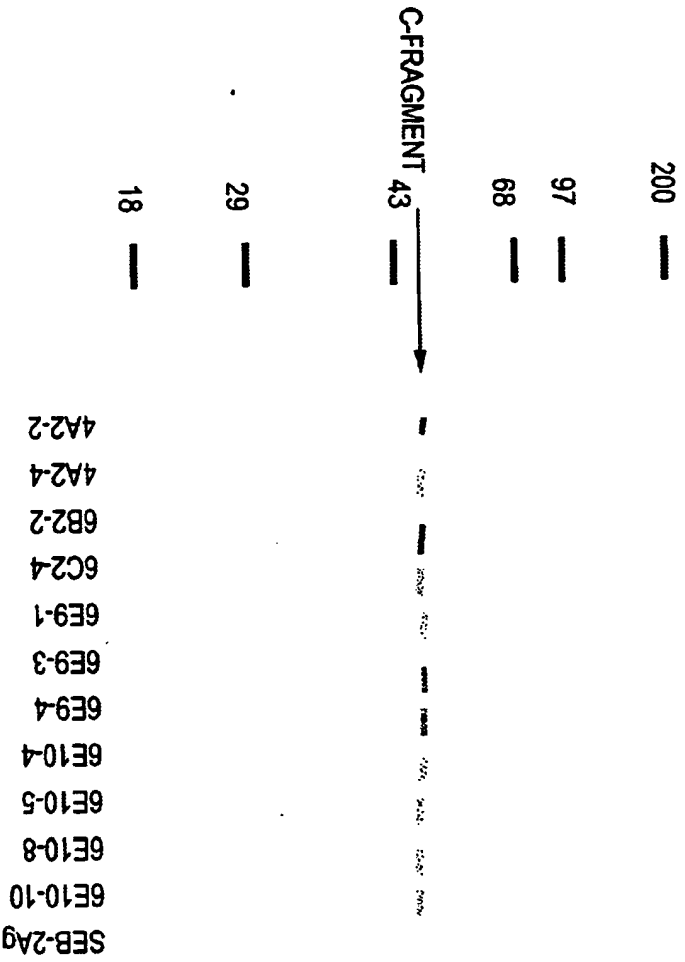


FIG. 2



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KINETICS OF INTERACTION OF BoNT/A Hc WITH CAPTURED MoAb 6E9-4

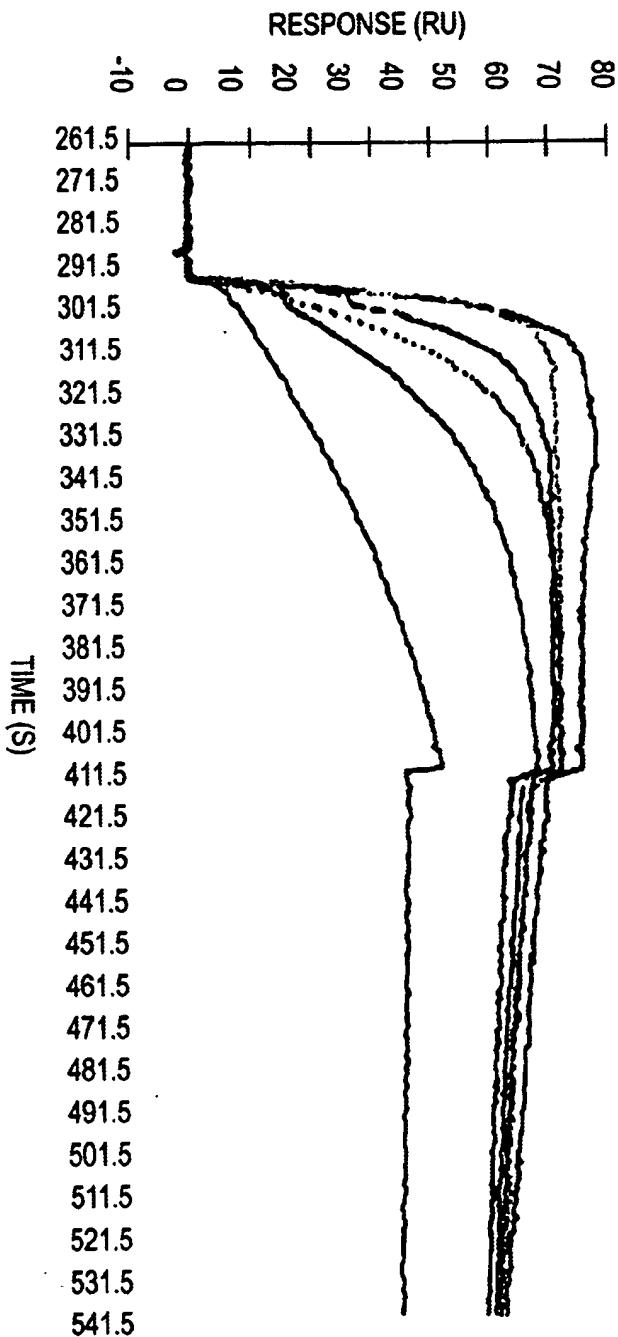


FIG. 3A



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KINETICS OF INTERACTION OF BoNT/A Hc WITH CAPTURED MoAb 6B2-2

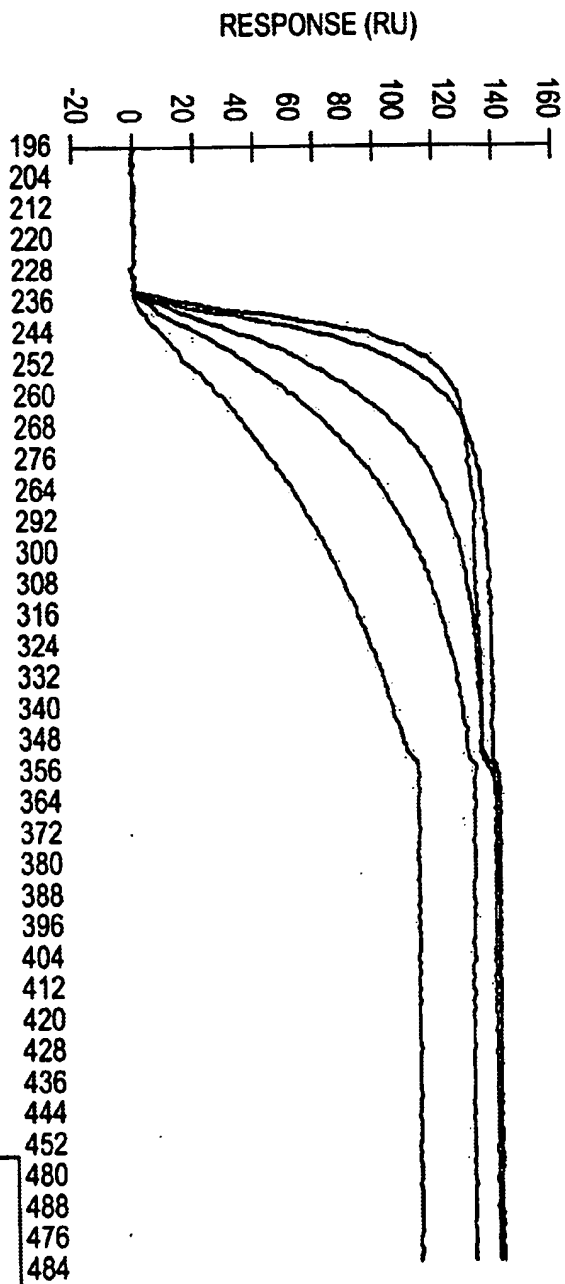
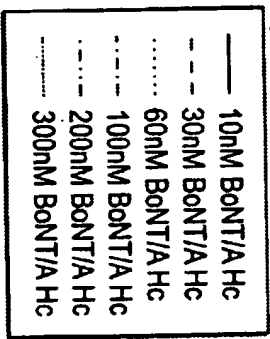


FIG. 3B





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EPIOTOPE MAPPING: 4A2-2

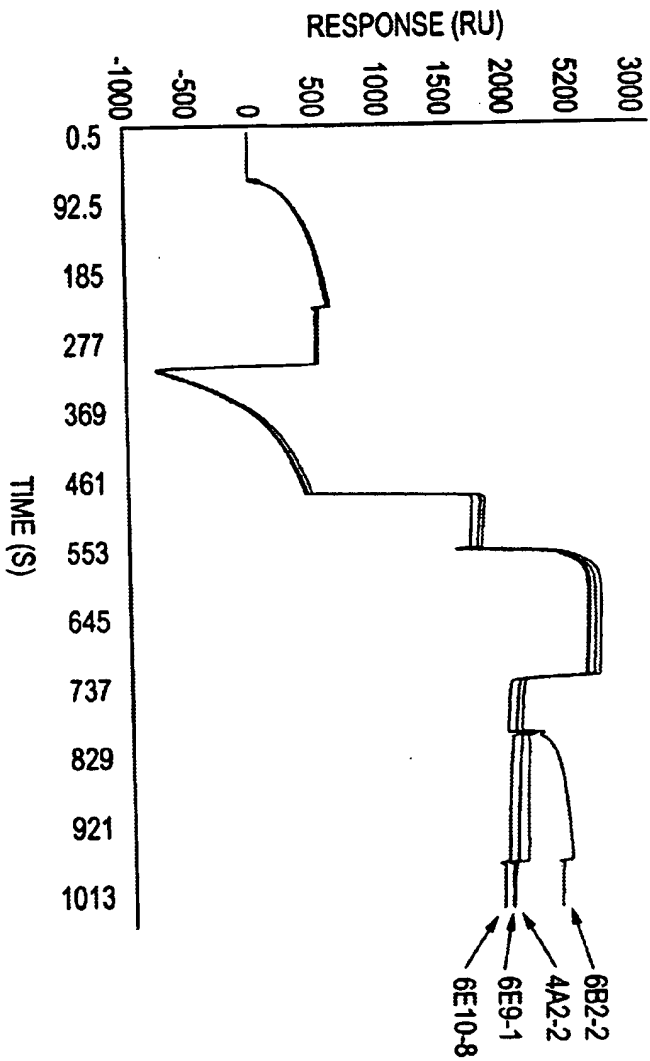


FIG. 4

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EPTOPE MAP OF BONT/A mAbs

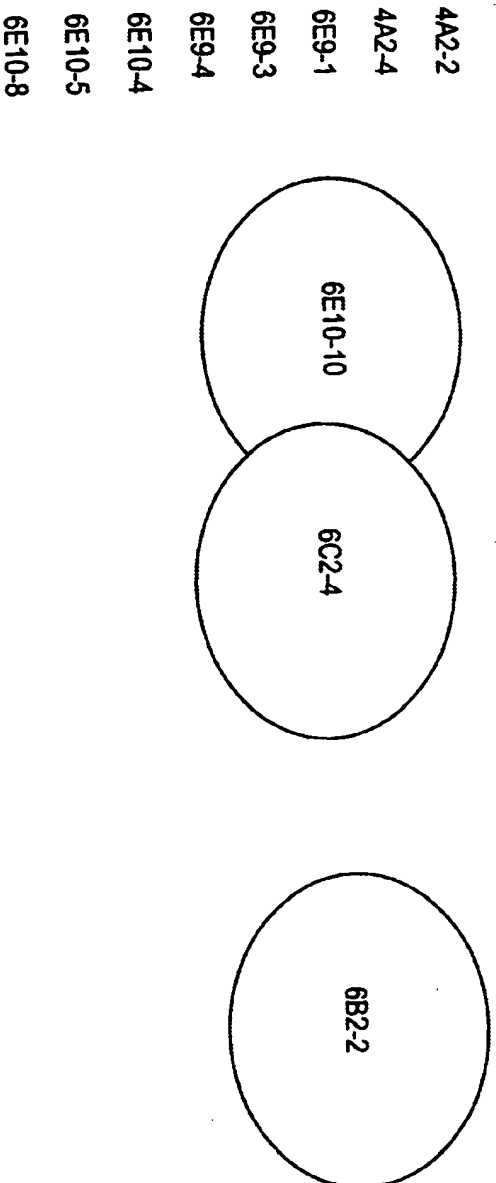


FIG. 5



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1 2 3 4 5 6 7 8 9 10 11 12

97 —

68 —

43 —

29 —

18 —

6E9-1	4A2-2	6C2-2	SEB-2A9
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FIG. 6





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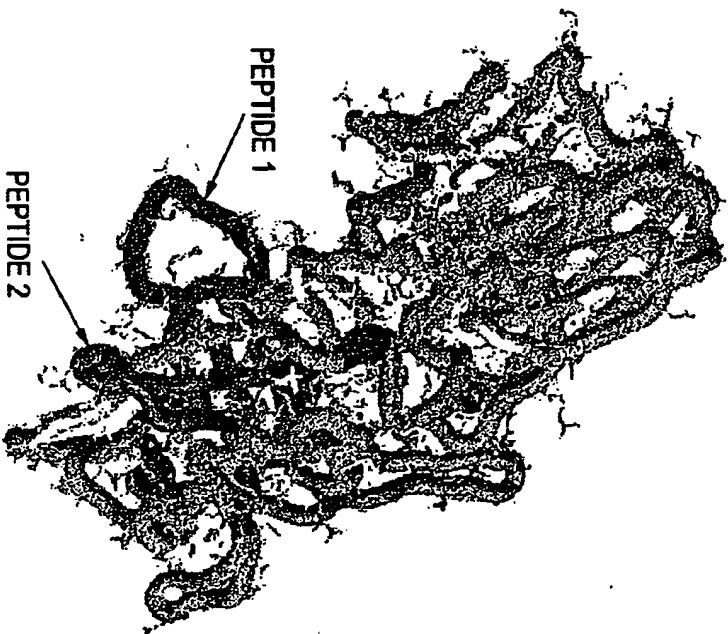


FIG. 7A

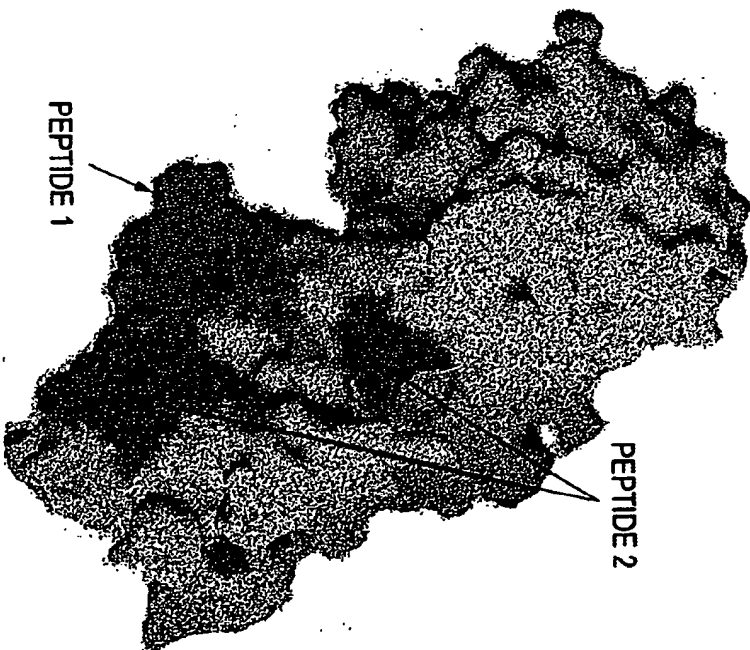


FIG. 7B



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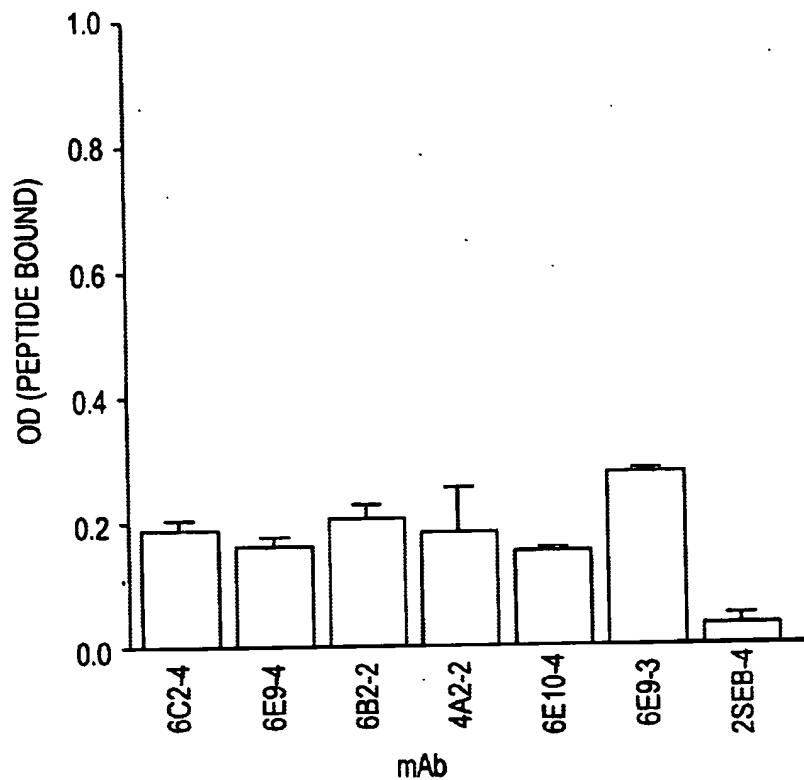


FIG. 8A



Serial No. 09/465,276 filed 12/10/1999  
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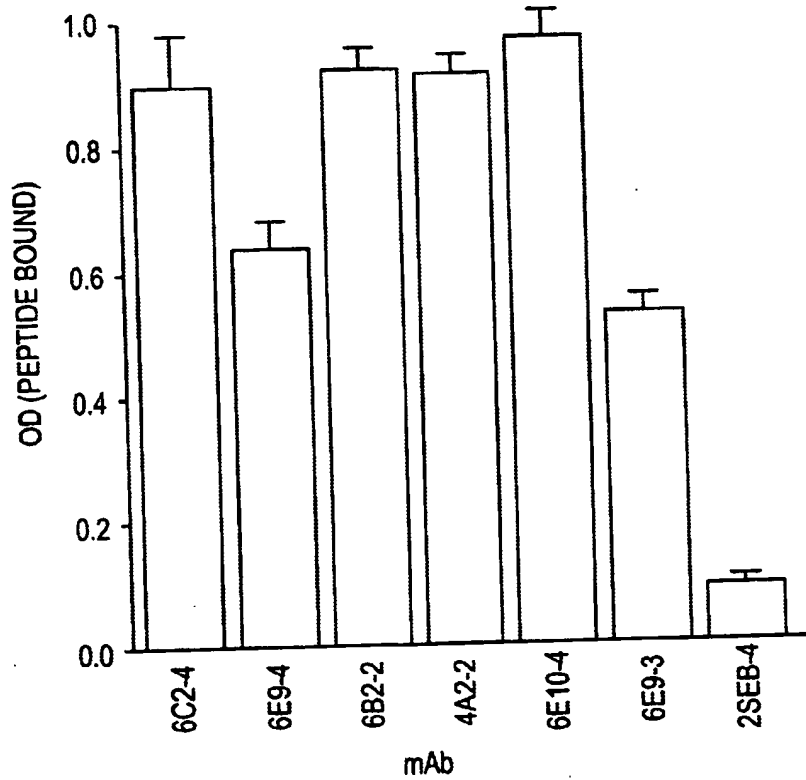


FIG. 8B



Serial No. 003/175/SAP  
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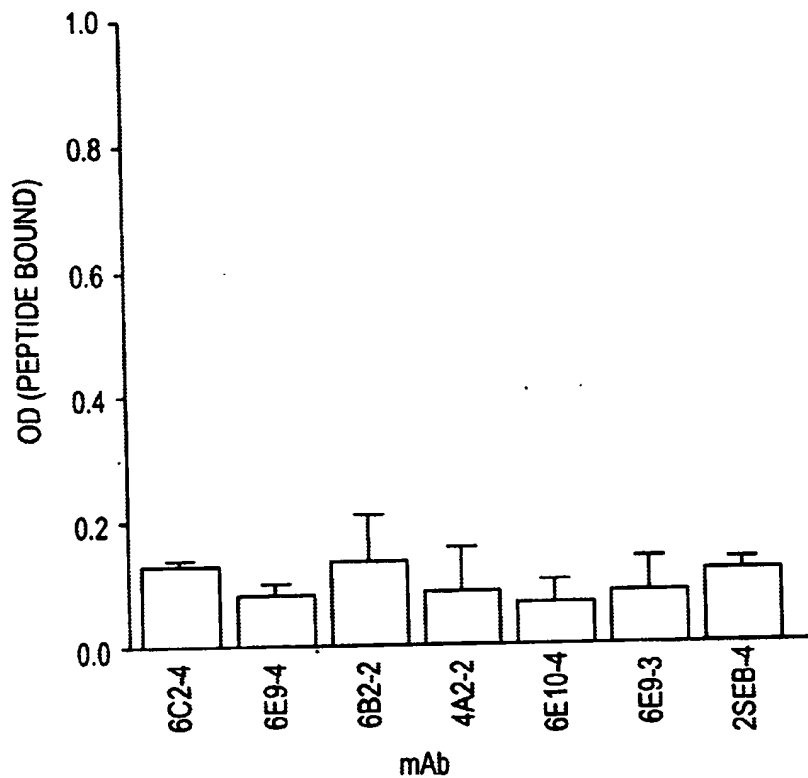



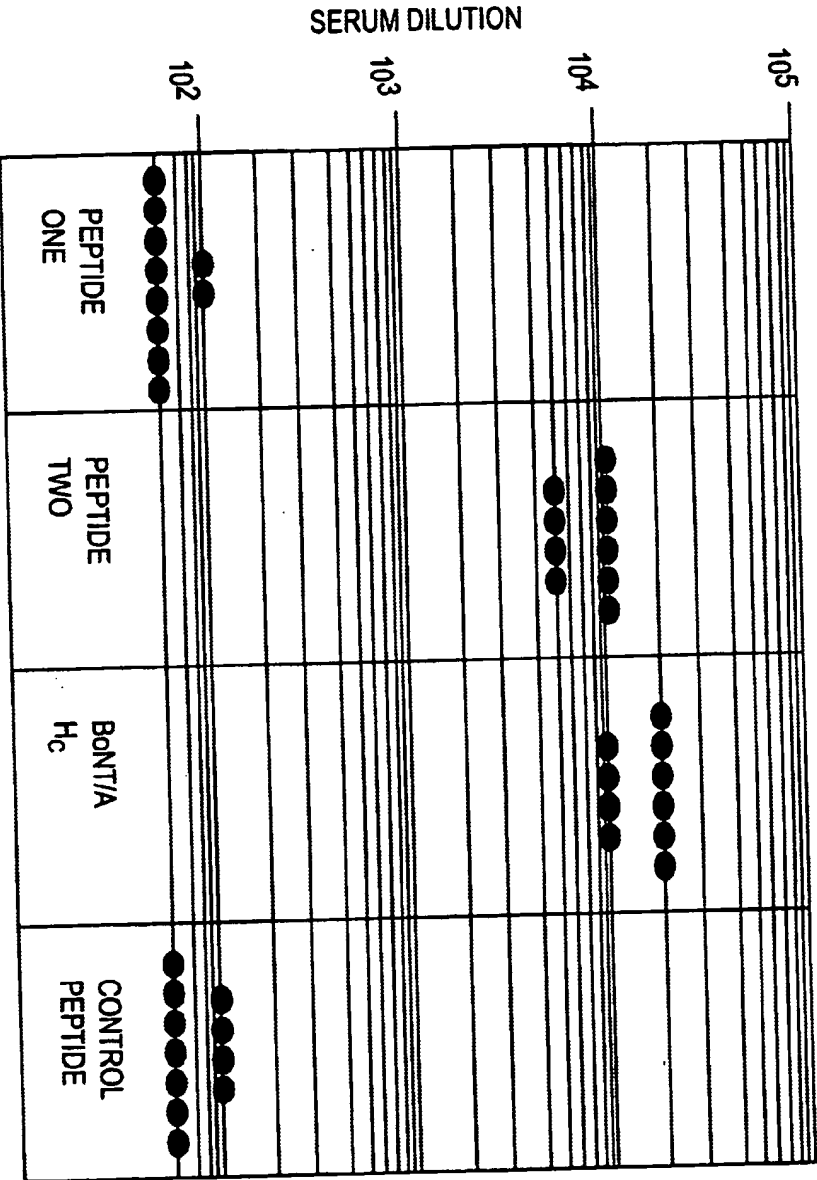
FIG. 8C

**Ms. Elizabeth Arwine, 301-619-7808**





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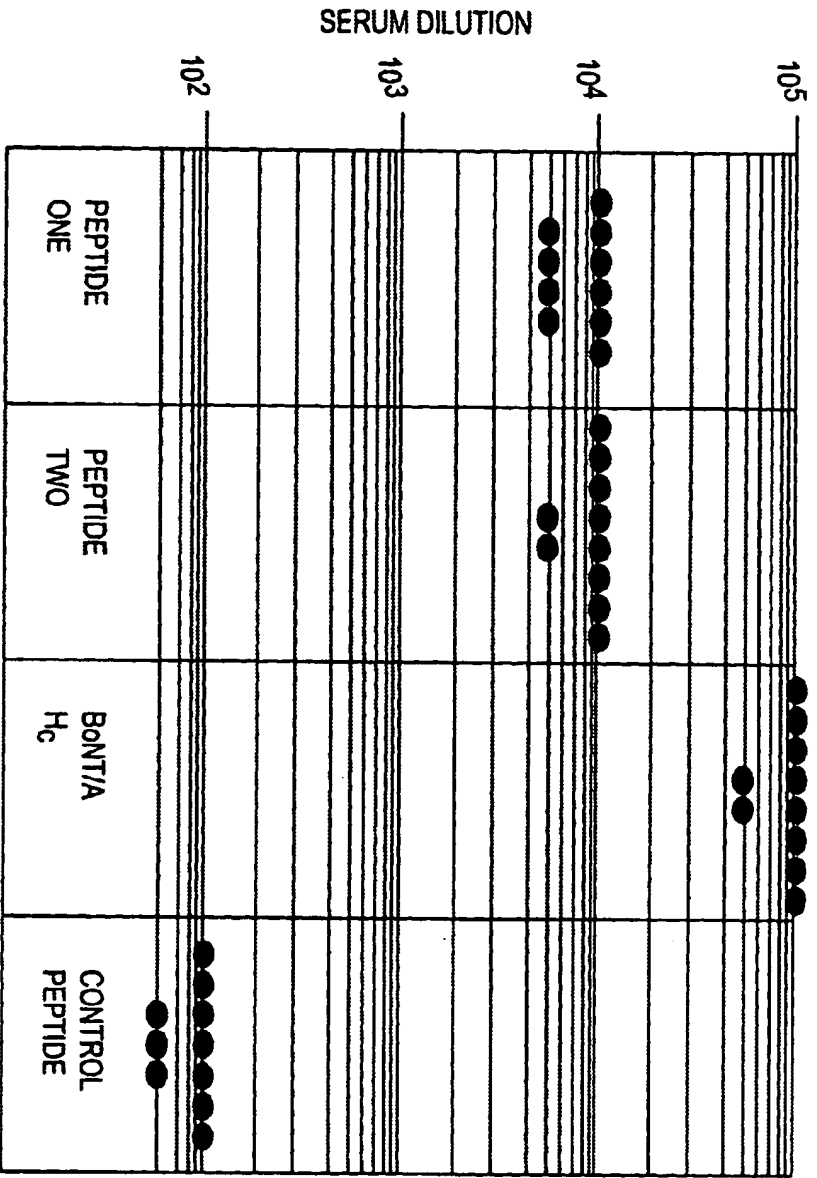
IMMUNIZING AGENT

FIG. 9B



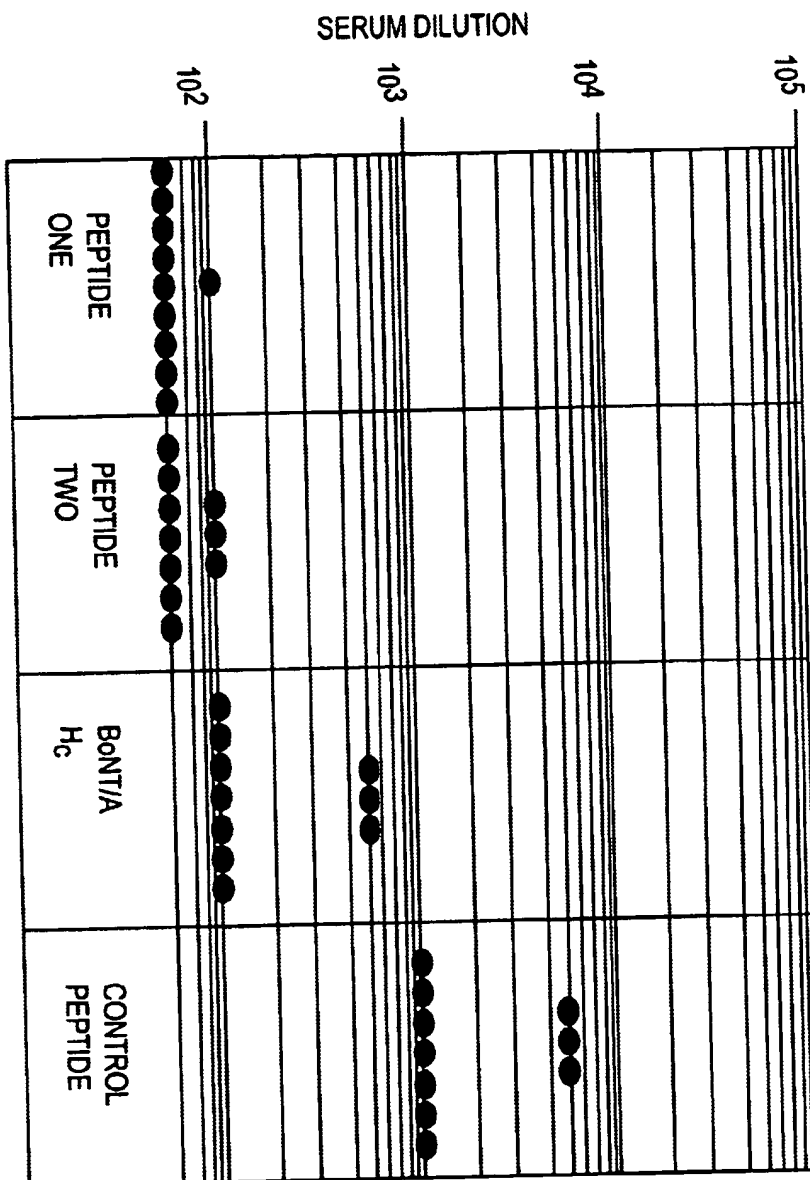


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IMMUNIZING AGENT  
FIG. 9C

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IMMUNIZING AGENT

FIG. 9D

